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IEPA RECORD OF DECISION
IMMEDIATE REMEDIAL ACTION REQUIRED

Site: Lemont/Lenz Oil Service

LPC Site No.: 0438020003 -- DuPage County

SITUATION

Lenz Oil Service, Inc. (hereinafter "Lenz Oil") has operated at Route 83 and Jeans Road in Lemont, Illinois, DuPage County, under several owners for over twenty years. Charles Russell has owned and operated the existing oil and solvent storage/transfer facility since 1980. A developmental permit (No. 1981-36-DE) was issued by this Agency to Lenz Oil and C. Russell on July 5, 1981. Lenz Oil filed a Part A permit with USEPA, Region V, for tank storage in late 1980. Russell also has operated a roadwork materials and licensed special waste hauling operation from this facility.

Currently, there are three unlined concrete storage tanks on-site. Early in 1985, three surface impoundments were constructed and used for hazardous waste storage. The impoundments were constructed of very porous and permeable cinder type material. The impoundments have since been removed; however, samples of liquid once contained in the impoundments showed high levels of organics. Also located on-site are five above ground and eight semi-buried storage tanks, one of which was known to have been used for hazardous waste storage.

Groundwater contamination is known to exist underlying the facility. As part of the developmental permit, Lenz initiated a groundwater monitoring program which consisted of two (2) monitoring wells. Due to existing groundwater contamination, special conditions in Lenz's developmental permit required the owners to assess the extent of contamination by oil and grease, and develop a plan to upgrade the quality of groundwater. This was never done.

Samples collected from the two monitoring wells during the first half of 1985 showed groundwater contamination by boron (4300 ug/l), iron (8100 ug/l), lead (200 ug/l), and chromium (100 ug/l).

There are known instances of surface water contamination as a result of surface water runoff and seepage from surface impoundments. In February, 1985, a flow entering a drainage ditch north of the facility was analyzed. Organics and metals were detected in the discharge.

CURRENT STATUS

All operations have halted and the owner has indicated that he may file bankruptcy. The facility has the look of an abandoned site.

Twenty-five percent (25%) of the facility grounds has standing oily water on it. Storage tanks are at the overflow point and the facility does not appear to have adequate spill or leak containment structures. No run-off prevention or control devices are in place.

A closure plan was submitted and approved for a single solvent tank; however, certification of closure has not been received.

ENFORCEMENT STATUS

On May 2, 1985, the IEPA referred a lawsuit to the Illinois Attorney General alleging mismanagement of hazardous waste. The IEPA recommended that the AG demand a \$75,000 penalty and require the company to immediately perform cleanup measures. On May 16, 1985, the AG filed a verified complaint for injunction and civil penalties against Lenz Oil Service. On June 24, 1985, the DuPage County Circuit Court ordered Lenz Oil Service to initiate immediate cleanup actions, file a cleanup plan for the site, and file a closure and compliance plan.

Lenz Oil Service did file an immediate cleanup plan and a further cleanup plan. The plans were generally deemed adequate; some immediate cleanup activities did occur; however, final cleanup did not, and the condition of the facility has become worse.

DESCRIPTION OF PROPOSED REMEDIAL ACTION

A three phase remedial action activity is proposed for this site. Phase I will be a multi-faceted remedial investigation and will include the following:

- A. Task a multi-site contractor to inventory the hazardous waste present on the site, propose a disposal method(s) for the hazardous waste identified and take immediate remedial measures to prevent off-site drainage of waste.
- B. Install groundwater monitoring wells utilizing the Agency's drill rig staff.
- C. Task a multi-site contractor to collect surface and sub-surface soil samples and groundwater samples for the purpose of analyzing depth and extent of soil and groundwater contamination.

Phase II will consist of the removal and disposal of the hazardous waste from this site, including contaminated soils, by a hazardous waste cleanup contractor. Phase III will consist of groundwater remediation, if required. That action will be the subject of a future Record of Decision.

ESTIMATED COST OF PROPOSED REMEDIAL ACTION

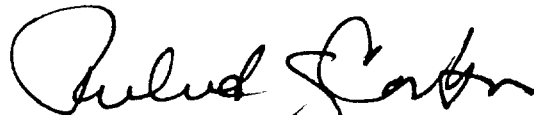
Phase I - \$175,000
Phase II - 350,000

DECLARATION

I have reviewed the facts in this matter and, in my opinion, immediate remedial actions by IEPA are justified pursuant to 35 Ill. Adm. Code 750.430. Furthermore, consistent with the State Contingency Plan, I have determined that immediate remedial actions at the Lemont/Lenz Oil site will mitigate the immediate and significant risk of harm to human health and the environment. I have also determined that the actions have been approved for State-financed remedial action.

1-17-86

Date



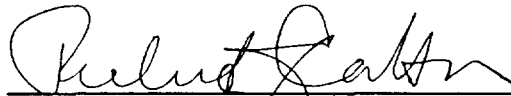
Richard J. Carlson, Director
Illinois Environmental Protection Agency

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excavation area constitute treatment and containment activities. Accordingly, because this action is an immediate response to both the discharge and the imminent and substantial threat of a discharge of hazardous waste, I have concluded that under 35 Ill. Adm. Code 703.124, [40 CFR 270.1(c)(3)], a RCRA permit for the treatment and containment activities associated with the incineration of the waste by the on-site incineration is not required.

1-16-87

Date



Richard J. Carlson, Director
Illinois Environmental Protection Agency

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